

WHAT IS CLAIMED IS:

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1. A method for constructing a business application system by using a framework described by an object-oriented language, the method comprising the steps of:

preparing a system core class group, which has abstractly defined a basic structure and behavior of a business application system, and an abstract class group, which inherits said system core class group and which includes a screen system class group, a report system class group and a business logic system class group;

inheriting said screen system class group, said report system class group and said business logic system class group of said abstract class group to prepare a screen system functional group, a report system functional group and a business logic system functional group;

inheriting said system core class group of said abstract class group to prepare a system core functional group; and

integrating said screen system functional group, said report system functional group, said business logic system functional group and said system core functional group.

2. The method for constructing a business application system as set forth in claim 1, wherein said preparing step prepares, as said abstract class group, an abstract class group which further includes a common component group including a plurality of common components commonly for use in said business application system, each of said common components having an interface with said abstract class group.

3. The method for constructing a business application system as set forth in claim 1, wherein said preparing step prepares, as said abstract class group, an abstract class group including a plurality of abstract classes so that each of said system core class group, said screen system class group, said report system class group and said business logic system class group has a hierarchical structure based on at least one inheritance relationship.

4. The method for constructing a business application system as set forth in claim 1, wherein said preparing step prepares, as said abstract class group, an abstract class group formed so that each of abstract classes included in each of said system core class group, said screen system class

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group, said report system class group and said business logic system class group includes an abstract method and a concrete method.

5. The method for constructing a business application system as set forth in claim 1, wherein said integrating step compiles and links said screen system functional group, said report system functional group, said business logic system functional group and said system core functional group.

6. The method for constructing a business application system as set forth in claim 1, wherein said integrating step incorporates said screen system functional group, said report system functional group, said business logic system functional group and said system core functional group by means of a previously prepared inherent interface.

7. A computer-readable storage medium having stored a framework for a business application system, which has been described by an object-oriented language, said framework including:

an abstract class group which has abstractly defined a structure and behavior of a business application system,

said abstract class group including a system core class group, which has abstractly defined a basic structure and behavior of said business application system, and a screen system class group, a report system class group and a business logic system class group, which inherit said system core class group.

8. The computer-readable storage medium having stored a framework for a business application system as set forth in claim 7, which further includes a common component group including a plurality of common components commonly for use in said business application system, each of said common components having an interface with said abstract class group.

9. The computer-readable storage medium having stored a framework for a business application system as set forth in claim 7, wherein each of said system core class group, said screen system class group, said report system class group and said business logic system class group of said

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abstract class group includes a plurality of abstract classes having a hierarchical structure based on at least one inheritance relationship.

10. The computer-readable storage medium having stored a framework for a business application system as set forth in claim 7, wherein each of abstract classes included in each of said system core class group, said screen system class group, said report system class group and said business logic system class group of said abstract class group includes an abstract method and a concrete method.

SubC3 11. A computer-readable storage medium having stored a framework for a business application system, which includes a plurality of class groups which are described by an object-oriented language and which are capable of manipulating data uniformly produced from each of said class groups, said framework including:

- a system core class group having defined the manipulation of data;
- and
- a plurality of subclasses inheriting said system core class group.

As Sub 12. The method for constructing a business application system as set forth in claim 11, wherein said system core class group has defined the calling of a common component commonly for use in said business application system.

SubC4 13. A computer-readable storage medium having stored a framework for a business application system, which includes a plurality of class groups which are described by an object-oriented language and which are capable of transmitting and receiving a request between functions produced from each of said class groups, said framework including:

- a system core class group having defined the transmission and receiving of a request between functions; and
- a plurality of subclasses inheriting said system core class group.

Sub A4 14. The method for constructing a business application system as set forth in claim 13, wherein said system core class group has defined the calling of a common component commonly for use in said business application system.